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<b>Notice of Allowability</b>	<b>Application No.</b>		<b>Applicant(s)</b>	
	10/685,196		GEORGESON ET AL.	
	<b>Examiner</b>		<b>Art Unit</b>	
	Krystyna Suchecki		2882	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 07/21/05.
2. ☒ The allowed claim(s) is/are 22-25 and 27-37.
3. ☒ The drawings filed on 14 October 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

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|--|---|
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</li> <li>6. <input type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date _____</li> <li>7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____</li> </ol> |
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## **DETAILED ACTION**

### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
2. Authorization for this examiner's amendment was given in a telephone interview with John A. Artz, Sr. on 08/04/05.
3. The application has been amended as follows:
4. In the Specification, at page 5, at line 13, delete "Delrin" and insert therein --  
DELRIN--
5. In the Specification, at page 5, at line 16, delete "Delrin" and insert therein --  
DELRIN--
6. In the Specification, at page 7, at line 14, delete "Delrin" and insert therein --  
DELRIN--
7. In Claim 22, replace line 4 as follows:  
  
--a foam core member positioned in said housing, said foam core member having  
a first--
8. In Claim 22, at line 6, delete "foam core" and insert therein --foam core member--
9. In Claim 23, at line 3, delete "foam core" and insert therein --foam core member--
10. Cancel claim 26.
11. In Claim 28, from line 1 to line 2, delete "core member" and insert therein --foam  
core member--

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12. In Claim 30, from line 1 to line 2, delete “core member” and insert therein --foam core member--

13. In Claim 31, in line 4, delete “core member” and insert therein --foam core member--

14. In Claim 33, in line 2, delete “core member” and insert therein --foam core member--

15. In Claim 34, in line 2, delete “core member” and insert therein --foam core member--

16. In Claim 37, delete “said core member is made from a foam material, and”

***Allowable Subject Matter***

17. Claims 22-25 and 27-37 are allowed.

18. The following is an examiner’s statement of reasons for allowance: Claim 22 contains allowable subject matter for at least the reason that the prior art of record fails to teach or fairly suggest a device for calibrating a CT machine comprising a housing and foam core member having first and second opposing surfaces, a plurality of cylinder members of different lengths positioned in the foam core member with each cylinder member having a constant cross-section and each cylinder having a first portion adjacent the first surface and at least one cylinder having a portion adjacent the second surface as claimed. Acharya (US 6,674,834) teaches cylinders (70) of differing lengths positioned within a core (60), but fails to teach the cylinders adjacent to opposing core surfaces as above. Acharya teaches instead that the cylinders are centered on a mid-plane bisecting a core (Column 3, lines 44-63). Karasawa teaches cylinder members (21a-21d) adjacent to first and second core surfaces (110a) within a housing (112), but teaches away from

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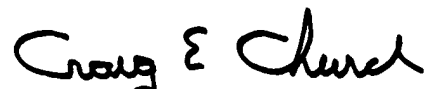
embedding the cylinders within a foam material by providing structures to secure the cylinders within the empty core space in such a manner that the cylinder pattern is not influenced by adjacent members (Paragraphs 46-47). Goodenough (US 4,055,771) likewise teaches cylinders within a housing (Figure 6), but teaches away from embedding the cylinders in a foam core by teaching foam for calibration in a separate area (Column 7, lines 50-60).

19. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

20. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Krystyna Suchecki whose telephone number is (571) 272-2495. The examiner can normally be reached on M-F, 9-5.

21. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Glick can be reached on (571) 272-2490. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

22. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Craig E. Church  
Primary Examiner

